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R. [GB/GB]; Department Of Chemistry, Imperial College  
London, South Kensington, London SW7 2AY (GB).

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(74) Agent: **BODEN, Keith, McMurray**; Fry Heath & Spence  
LLP, The Gables, Massetts Road, Horley, Surrey RH6 7DQ  
(GB).

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(71) Applicant (*for all designated States except US*): **IM-  
PERIAL COLLEGE INNOVATIONS LIMITED**  
[GB/GB]; Sherfield Building, Exhibition Road, London  
SW7 2AZ (GB).

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(72) Inventors; and

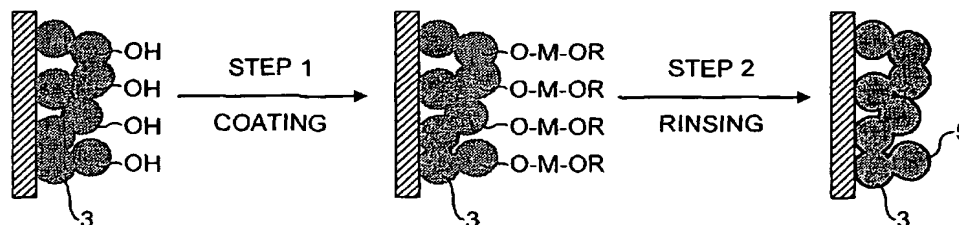
(75) Inventors/Applicants (*for US only*): **PALOMARES GIL,**  
Emilio [ES/GB]; Department Of Chemistry, Imperial Col-  
lege London, South Kensington, London SW7 2AY (GB).  
**CLIFFORD, John, N.** [IE/GB]; Department Of Chem-  
istry, Imperial College London, South Kensington, London  
SW7 2AY (GB). **HAQUE, Saif, A.** [GB/GB]; Department  
Of Chemistry, Imperial College London, South Kensing-  
ton, London SW7 2AY (GB). **LUTZ, Thierry** [FR/GB];  
Department Of Chemistry, Imperial College London, South  
Kensington, London SW7 2AY (GB). **DURRANT, James,**

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(54) Title: LOW-TEMPERATURE METAL OXIDE COATING



(57) **Abstract:**—A low-temperature fabrication method for fabricating a conformal metal oxide coating on a substrate, the method comprising the steps of: coating a surface of a substrate with a non-hydrolysed precursor solution of one or more moisture-sensitive metal alkoxides in an organic solvent at a temperature of less than 150 °C; and rinsing the precursor solution coated on the surface of the substrate in water at a temperature of less than 150 °C to hydrolyse precursor solution at the surface of the substrate and thereby form a conformal metal oxide coating on the substrate.

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